

migrant: 1 mul a2, a3, a4
 || and a1, a2, a4
migrant: 2 mul a2, a3, a4
 || or a4, a5, a6
migrant: 3 add a4, a1, a1
 || mul a2, a3, a4
migrant: 4 add a4, a1, a1
 || mul a2, a3, a4
migrant: 5 add a4, a1, a1
 || mul a2, a3, a4

FIG. 1

base: 1 mul r2, r3, r4
 || and r1, r2, r4
base: 2 NOP ; inserted NOP
base: 3 NOP ; inserted NOP
base: 4 NOP ; inserted NOP
base: 5 mul r2, r3, r4
 || or r4, r5, r6
base: 6 NOP
base: 7 NOP
base: 8 NOP
base: 9 add r4, r1, r1
 || mul r2, r3, r4
base: 10 NOP
base: 11 NOP
base: 12 NOP
base: 13 add r4, r1, r1
 || mul r2, r3, r4
base: 14 NOP
base: 15 NOP
base: 16 NOP
base: 17 add r4, r1, r1
 || mul r2, r3, r4
base: 18 NOP
base: 19 NOP
base: 20 NOP

FIG. 2

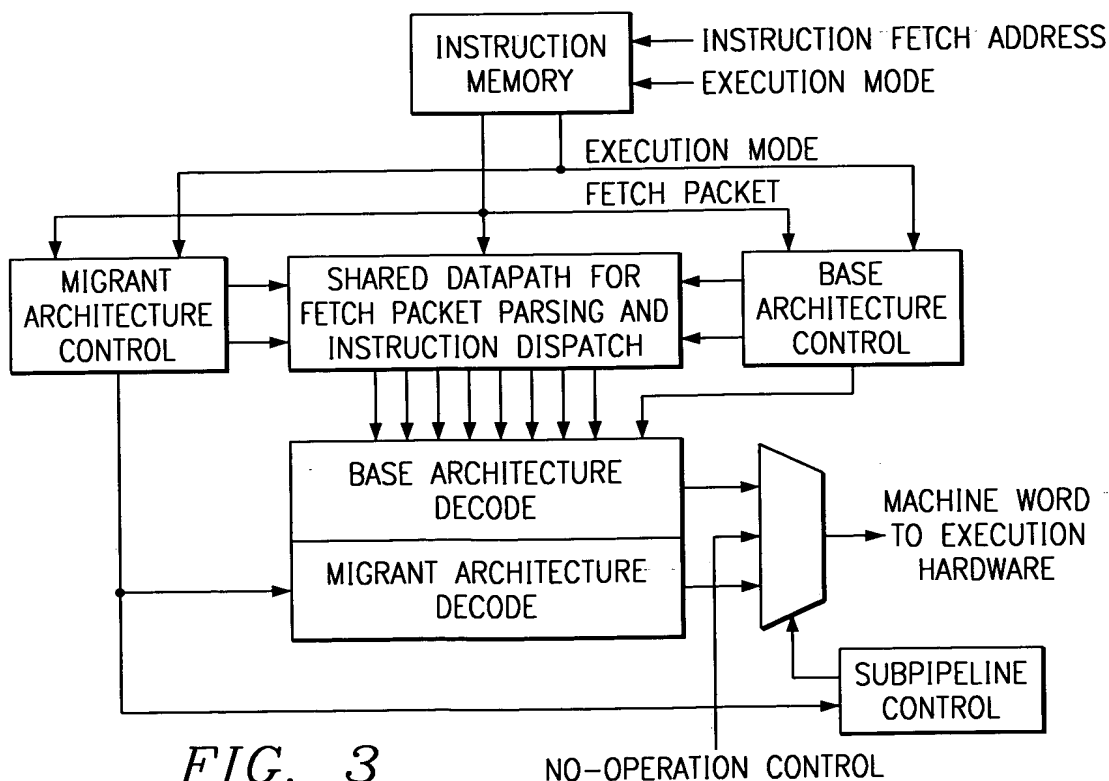


FIG. 3

NO-OPERATION CONTROL